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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/981,797	10/19/2001	Jen-Hwang Weng	BHT-3167-22	6951

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DOUGHERTY & TROXELL
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FALLS CHURCH, VA 22041

EXAMINER

RIES, LAURIE ANNE

ART UNIT	PAPER NUMBER
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2176

DATE MAILED: 07/21/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/981,797

Applicant(s)

WENG, JEN-HWANG

Examiner

Laurie Ries

Art Unit

2176

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 08 May 2006.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 15-30 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 15-30 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 19 October 2001 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

1. This action is responsive to communications: Request for Continued Examination, filed 8 May 2006, to the original application filed 19 October 2001.
2. The rejection of claims 1-3, 5-12, and 14 under 35 U.S.C. 103(a) as being unpatentable over Sidana (U.S. Patent 6,571,295 B1) in view of Boys (U.S. Patent 6,516,340 B2) has been withdrawn as necessitated by amendment and newly found prior art.
3. Claims 15-30 are pending. Applicant has canceled claims 1-14. Applicant has added claims 15-30. Claims 15 and 24 are independent claims.

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims 15-16, 19, 21, 23-24, 26, 28, and 30 are rejected under 35 U.S.C. 103(a) as being unpatentable over Ziv-el (U.S. Patent 6,898,411 B2) in view of Negrino ("JavaScript For the World Wide Web, 2nd Edition").

As per independent claims 15 and 24, Ziv-el discloses a system and method for modifying a portion of a web page in a user-end browser including displaying a web page in the user-end browser (See Ziv-el, Column 4, lines 31-34).

Ziv-el also discloses providing functions to modify a portion of the web page (See Ziv-el, Column 4, lines 51-63), to display the modified portion instantly on the web page (See Ziv-el, Column 4, lines 55-58), and to store at least the HTML code related with the modified portion (See Ziv-el, Figure 10, element 152, and Column 12, lines 17-22).

Ziv-el does not disclose expressly that the above listed modification, display and storage functions are incorporated into scripts.

Negrino discloses using JavaScript to create custom web pages including modifying and displaying form data by setting values automatically (See Negrino, Pages 66-67) and storing information (See Negrino, Page 58).

Ziv-el and Negrino are analogous art because they are from the same field of endeavor of presenting web-based data to a user.

At the time of the invention it would have been obvious to one of ordinary skill in the art to include the JavaScript functionality of Negrino with data modification, display and storage functions of Ziv-el. The motivation for doing so would have been to create an interactive user experience using client-side scripting and thus reducing the frequency of access to the server.

As per dependent claim 16, Ziv-el and Negrino disclose the limitations of claim 15 as described above. Ziv-el also discloses that the web page is provided by a server via a communication link, and the HTML code related with the modified portion is stored in the server via the communication link (See Ziv-el, Figure 10, Column 11, lines 66-67, and Column 12, line 1-16).

As per dependent claims 19 and 26, Ziv-el and Negrino disclose the limitations of claims 15 and 24 as described above. Ziv-el also discloses that the modified portion includes an inserted web page object (See Ziv-el, Column 3, lines 20-23).

As per dependent claims 21 and 28, Ziv-el and Negrino disclose the limitations of claims 19 and 26 as described above. Ziv-el also discloses that the inserted web page object is selected from the group consisting of an HTML text object, a hyperlink object, a picture object, and a link break object (See Ziv-el, Column 9, lines 15-23).

As per dependent claims 23 and 30, Ziv-el and Negrino disclose the limitations of claims 15 and 24 as described above. Ziv-el also discloses that the web page selectively contains education materials (See Ziv-el, Abstract).

5. Claims 17-18 and 25 are rejected under 35 U.S.C. 103(a) as being unpatentable over Ziv-el (U.S. Patent 6,898,411 B2) in view of Negrino ("JavaScript For the World Wide Web, 2nd Edition") as applied to claims 15, 16, and 24 above, and further in view of Krautter (U.S. Patent 6,766,356 B1).

As per dependent claims 17-18 and 25, Ziv-el and Negrino disclose the limitations of claims 15, 16 and 24 as described above. Ziv-el and Negrino do not disclose expressly providing a function to store an identification indicating a user that modified the portion. Lim discloses a JavaScript function that returns a cookie indicating a user ID (See Lim, Page 8, paragraph 0186). Ziv-el, Negrino and Lim are analogous art because they are from the same field of endeavor of presenting web-based data to a user. At the time of the invention it would have been obvious to one of ordinary skill in the art to include the identification of a user ID of Lim with the modification of a portion of a web page of Ziv-el and Negrino. The motivation for doing so would have been to determine the identity of the user, such as an online student, to whom the modification of data, such as a response to an instructor's question, may be attributed in order to correctly credit the student with submission of the answer. Therefore it would have been obvious to combine Lim with Ziv-el and Negrino for the benefit of determining the identity of the user, such as an online student, to whom the modification of data, such as a response to an instructor's question, may be attributed in order to correctly credit the student with submission of the answer to obtain the invention as specified in claims 17-18 and 25.

6. Claims 20, 22, 27, and 29 are rejected under 35 U.S.C. 103(a) as being unpatentable over Ziv-el (U.S. Patent 6,898,411 B2) in view of Negrino ("JavaScript For

the World Wide Web, 2nd Edition”) as applied to claims 15 and 24 above, and further in view of Lim (U.S. Publication 2002/0169866 A1).

As per dependent claims 20, 22, 27, and 29, Ziv-el and Negrino disclose the limitations of claims 15 and 24 as described above. Ziv-el and Negrino do not disclose expressly that the modified portion is a changed display format portion including adding an underline on a selected HTML text, adding a deletion line on a selected HTML text, masking a selected HTML text, or masking a selected visible object. Krautter discloses modifying a portion of a web page including underlining an important line of text (See Krautter, Column 3, lines 29-37). Ziv-el, Negrino and Krautter are analogous art because they are from the same field of endeavor of presenting web-based data to a user. At the time of the invention it would have been obvious to one of ordinary skill in the art to include the underlining of text on a web page of Krautter with the modification of a portion of a web page of Ziv-el and Negrino. The motivation for doing so would have been to allow an online student to draw attention to a particular portion of text contained in the online lesson. Therefore it would have been obvious to combine Krautter with Ziv-el and Negrino for the benefit of allowing an online student to draw attention to a particular portion of text contained in the online lesson to obtain the invention as specified in claims 20, 22, 27, and 29.

Response to Arguments

7. Applicant's arguments with respect to claims 15-30 have been considered but are moot in view of the new ground(s) of rejection.

Conclusion

8. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

- Alcorn (U.S. Publication 2004/0153508 A1) discloses an internet-based education support system.
- Wies (U.S. Patent 6,126,385) discloses force feedback implementation in web pages.
- Lindhorst (U.S. Patent 6,337,696) discloses a system and method for facilitating generation and editing of event handlers.

9. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Laurie Ries whose telephone number is (571) 272-4095. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Heather Herndon, can be reached on (571) 272-4136.

10. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for

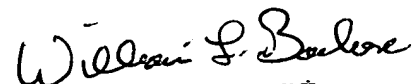
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published applications may be obtained from either Private PAIR or Public PAIR.

Status information for unpublished applications is available through Private PAIR only.

For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

LR


WILLIAM BASHORE
PRIMARY EXAMINER